

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	1362	(oleic same linoleic) and ((phosphor\$4 near ester) or phosphate) and (sulfur \$5 near ester)	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/01 08:51
L5	195	(oleic same linoleic) and ((phosphor\$4 near ester) or phosphate) and (sulfur \$5 near ester) and "508". clas.	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/01 08:52
L6	142	(oleic same linoleic) and ((phosphor\$4 near ester) or phosphate) and (sulfur \$5 near ester) and "508". clas. and @ad< "20031225"	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/01 08:52
L7	136	(oleic same linoleic) and ((phosphor\$4 near ester) or phosphate) and (sulfur \$5 near ester) and "508". clas. and @ad< "20031225" and \$4saturat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/01 09:05
S1	1	"20070191240".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 10:00
S2	584	"SUDA, SATOSHI".in. or "YOKOTA, HIDEO".in. or "IBI, MASANORI".in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2011/01/28 10:00
S3	828	S2 or "NIPPON OIL CORPORATION".as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2011/01/28 10:02
S4	97	S3 and (\$5glycerin or (polyhydr\$4 near alcohol))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2011/01/28 10:02

S5	77	S4 and ((sulfidized near esters) or "phosphoric acid esters" or "phosphorous acid esters" or phosphate or (phosphor\$4 near ester))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2011/01/28 10:03
S6	701	508/485,486.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 10:03
S7	1	S6 and (\$5glycerin or (polyhydr\$4 near alcohol)) and (sulfidized near ester) and ("phosphoric acid esters" or "phosphorous acid esters" or phosphate or (phosphor\$4 near ester))	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 10:05
S8	145	S6 and (\$5glycerin or (polyhydr\$4 near alcohol)) and ((sulfidized near ester) or "phosphoric acid esters" or "phosphorous acid esters" or phosphate or (phosphor\$4 near ester))	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 10:06
S9	5	("20020035043"   "4506533"   "5538654"   "6300292"   "6383992"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 10:07
S10	491	"3657123"(USPAT) "4101346"(USPAT) "4149983"(USPAT) "4243537"(USPAT) "4260502"(USPAT) "4283293"(USPAT) "4303540"(USPAT) "4312768"(USPAT) "4313836"(USPAT) "4321153"(USPAT) "4359393"(USPAT) "4377672"(USPAT) "4381264"(USPAT) "4390436"(USPAT) "4409113"(USPAT) "4414121"(USPAT) "4428851"(USPAT) "4456540"(USPAT) "4481140"(USPAT) "4485044"(USPAT) "4487705"(USPAT) "4514325"(USPAT) "4539128"(USPAT) "4559153"(USPAT) "4578202"(USPAT)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 10:07

		"4612128"(USPAT) "4626367"(USPAT) "4759861"(USPAT) "4772426"(USPAT) "4800034"(USPAT) "4828730"(USPAT) "4828731"(USPAT) "4830769"(USPAT) "4832860"(USPAT) "4898617"(USPAT) "4915859"(USPAT) "4938891"(USPAT) "4956110"(USPAT) "4957641"(USPAT) "4957651"(USPAT) "5290422"(USPAT) "5391310"(USPAT) "5518640"(USPAT) "5584201"(USPAT) "5668093"(USPAT) "5798322"(USPAT) "5866521"(USPAT) "5877129"(USPAT) "5908816"(USPAT) RE31242(USPAT)				
S11	3	(lubrica\$5 or fluid or oil) and (oleic same linoleic) and unsaturation and (sulfidized near ester) and ("phosphoric acid esters" or "phosphorous acid esters" or phosphate or (phosphor\$4 near ester))	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 10:10
S12	4	(lubrica\$5 or fluid or oil or composition) and (oleic same linoleic) and (sulfidized near ester) and ("phosphoric acid esters" or "phosphorous acid esters" or phosphate or (phosphor\$4 near ester))	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 10:11
S13	134	(metal near (lubrica\$5 or fluid or oil)) and (oleic or linoleic) and (sulfur\$5 near ester) and ("phosphoric acid esters" or "phosphorous acid esters" or phosphate or (phosph\$5 near ester))	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 10:16
S14	86	S13 and @ad<"20031225"	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 10:17

S15	31	((triester near (\$5glycerin or (polyhydr\$4 near alcohol))) same (oleic or linoleic))	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 10:40
S16	90	biodegradable with (vegetable adj oil) and "508".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 10:41
S17	278	degree near \$3saturation and "508".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/28 10:41
S18	12	(triester near (\$5glycerin or (polyhydr\$4 near alcohol)))	FPRS; EPO; JPO	OR	ON	2011/01/28 10:41
S19	62	(lubrica\$5 or oil) and (degree near \$3saturation)	FPRS; EPO; JPO	OR	ON	2011/01/28 10:42
S20	180	(lubrica\$5 or fluid or oil) and oleic and linoleic	FPRS; EPO; JPO	OR	ON	2011/01/28 10:43

### EAST Search History (I nterference)

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**2/ 1/ 2011 11:00:30 AM**

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